

ABSTRACT OF THE DISCLOSURE

In a MOEMS device and corresponding fabrication process, absorbing material along the optical axis of the device is removed. The result is a suspended optical coating, such as a dielectric thin film mirror stack. Such optical coatings can have very low absorption. Thus, the invention can materially lower the net absorption in the device, and thereby improve performance, by degrading power related dependencies.

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25